

10/585,808

=> d his ful

(FILE 'HOME' ENTERED AT 10:40:46 ON 04 FEB 2010)

FILE 'REGISTRY' ENTERED AT 10:41:20 ON 04 FEB 2010  
ACT TH0808C/A

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L1 STR  
L2 SCR 2043  
L3 64187 SEA SSS FUL L1 AND L2  
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ACT TH0808A/A  
-----

L4 28 SEA SPE=ON ABB=ON PLU=ON (123-31-9/BI OR 126351-48-2/B  
I OR 126428-10-2/BI OR 126428-11-3/BI OR 15051-26-0/BI  
OR 16574-59-7/BI OR 24319-76-4/BI OR 30745-09-6/BI OR  
30787-28-1/BI OR 403-43-0/BI OR 83743-89-9/BI OR  
860438-82-0/BI OR 860438-83-1/BI OR 860438-84-2/BI OR  
860438-85-3/BI OR 860438-86-4/BI OR 860438-87-5/BI OR  
860438-88-6/BI OR 860438-90-0/BI OR 860438-91-1/BI OR  
860438-92-2/BI OR 860438-93-3/BI OR 860438-94-4/BI OR  
860438-95-5/BI OR 92-06-8/BI OR 92-52-4/BI OR 98-60-2/BI  
OR 99-63-8/BI)  
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L5 8 SEA SPE=ON ABB=ON PLU=ON L3 AND L4

FILE 'LREGISTRY' ENTERED AT 10:42:32 ON 04 FEB 2010  
D SAV  
ACT TH0808D/Q  
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L6 STR  
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FILE 'REGISTRY' ENTERED AT 10:43:31 ON 04 FEB 2010

L7 SCR 2068  
L8 50 SEA SUB=L3 SSS SAM L6 AND L7  
L9 4490 SEA SUB=L3 SSS FUL L6 AND L7

FILE 'HCAPLUS' ENTERED AT 10:45:32 ON 04 FEB 2010

L10 8160 SEA SPE=ON ABB=ON PLU=ON L9

FILE 'ZCAPLUS' ENTERED AT 10:45:43 ON 04 FEB 2010

L11 QUE SPE=ON ABB=ON PLU=ON SULPHONAT? OR SULFONAT?

FILE 'HCAPLUS' ENTERED AT 10:46:09 ON 04 FEB 2010

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L12 420 SEA SPE=ON ABB=ON PLU=ON L10 (L) L11

FILE 'ZCAPLUS' ENTERED AT 10:47:26 ON 04 FEB 2010

L13 QUE SPE=ON ABB=ON PLU=ON ION# OR IONIC?

L14 QUE SPE=ON ABB=ON PLU=ON ?CONDUCT?

L15 QUE SPE=ON ABB=ON PLU=ON L13 (3A) L14

FILE 'HCAPLUS' ENTERED AT 10:47:53 ON 04 FEB 2010

L16 9 SEA SPE=ON ABB=ON PLU=ON L12 (L) L15

FILE 'ZCAPLUS' ENTERED AT 10:50:11 ON 04 FEB 2010

L17 QUE SPE=ON ABB=ON PLU=ON ?MEMBRANE?

FILE 'HCAPLUS' ENTERED AT 10:50:22 ON 04 FEB 2010

L18 25 SEA SPE=ON ABB=ON PLU=ON L10 (L) L15

L19 20 SEA SPE=ON ABB=ON PLU=ON L18 AND L17

L20 15 SEA SPE=ON ABB=ON PLU=ON L18 (L) L17

L21 18 SEA SPE=ON ABB=ON PLU=ON L20 OR L16

FILE 'LREGISTRY' ENTERED AT 11:11:19 ON 04 FEB 2010

L22 STR

FILE 'REGISTRY' ENTERED AT 11:16:42 ON 04 FEB 2010

L23 50 SEA SUB=L3 SSS SAM L1 AND L22

L24 10817 SEA SUB=L3 SSS FUL L1 AND L22

FILE 'HCAPLUS' ENTERED AT 11:18:40 ON 04 FEB 2010

L25 14643 SEA SPE=ON ABB=ON PLU=ON L24

L26 921 SEA SPE=ON ABB=ON PLU=ON L25 (L) L11

L27 21 SEA SPE=ON ABB=ON PLU=ON L26 (L) L15

L28 18 SEA SPE=ON ABB=ON PLU=ON L27 (L) L17

L29 11 SEA SPE=ON ABB=ON PLU=ON L28 NOT L21

FILE HOME

FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 2 FEB 2010 HIGHEST RN 1204474-62-3

DICTIONARY FILE UPDATES: 2 FEB 2010 HIGHEST RN 1204474-62-3

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TSCA INFORMATION NOW CURRENT THROUGH June 26, 2009.

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<http://www.cas.org/support/stngen/stndoc/properties.html>

FILE LREGISTRY  
LREGISTRY IS A STATIC LEARNING FILE

CAS INFORMATION USE POLICIES, ENTER HELP USAGETERMS FOR DETAILS.

FILE HCAPLUS

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FILE COVERS 1907 - 4 Feb 2010 VOL 152 ISS 6  
FILE LAST UPDATED: 3 Feb 2010 (20100203/ED)  
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Dec 2009  
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Oct 2009

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FILE ZCAPLUS

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CAS Information Use Policies apply and are available at:

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d que stat l3  
L1 STR

Cy $\rightsquigarrow$ S  
1 2

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DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:  
RING(S) ARE ISOLATED OR EMBEDDED  
NUMBER OF NODES IS 2

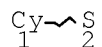
STEREO ATTRIBUTES: NONE  
L2 SCR 2043  
L3 64187 SEA FILE=REGISTRY SSS FUL L1 AND L2

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SEARCH TIME: 00.00.03

64187 ANSWERS

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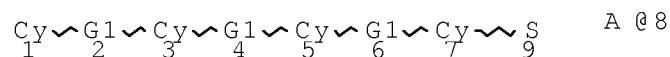
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L1 STR



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DEFAULT ECLEVEL IS LIMITED

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NUMBER OF NODES IS 2

STEREO ATTRIBUTES: NONE  
L2 SCR 2043  
L3 64187 SEA FILE=REGISTRY SSS FUL L1 AND L2  
L6 STR



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DEFAULT MLEVEL IS ATOM  
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:  
RING(S) ARE ISOLATED OR EMBEDDED  
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STEREO ATTRIBUTES: NONE  
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L9 4490 SEA FILE=REGISTRY SUB=L3 SSS FUL L6 AND L7

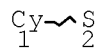
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4490 ANSWERS

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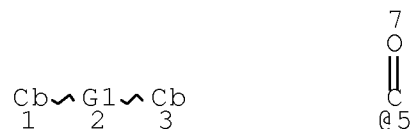
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L1 STR



NODE ATTRIBUTES:  
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DEFAULT ECLEVEL IS LIMITED

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RING(S) ARE ISOLATED OR EMBEDDED  
NUMBER OF NODES IS 2

STEREO ATTRIBUTES: NONE  
L2 SCR 2043  
L3 64187 SEA FILE=REGISTRY SSS FUL L1 AND L2  
L22 STR



VAR G1=O/5  
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DEFAULT MLEVEL IS ATOM  
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:  
RING(S) ARE ISOLATED OR EMBEDDED  
NUMBER OF NODES IS 5

STEREO ATTRIBUTES: NONE  
L24 10817 SEA FILE=REGISTRY SUB=L3 SSS FUL L1 AND L22

100.0% PROCESSED 61295 ITERATIONS 10817 ANSWERS  
SEARCH TIME: 00.00.01